



**UNIVERSITY OF TORONTO**

Office of the Vice-President, Research and Associate Provost

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Ethics Review Office

PROTOCOL REFERENCE #20362 now #20757

July 26, 2007

Dr. Frances Silverman  
Gage Occupational and Environmental Health  
Unit  
223 College St.  
Toronto, ON M5T 1R4

Dear Dr. Silverman:

Re: Your research protocol entitled "Cardiovascular Toxicity of Concentrated Ambient Fine, Ultrafine and Coarse Particles in Controlled Human Exposures"

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We are writing to advise you that a member of the Health Sciences II Research Ethics Board has granted approval to an amendment (received July 4, 2007) to the above referenced research study under the REB's expedited review process. *This amendment involves clarifying that the target levels would 50% of the maximums and adding the collection of urine samples pre, post and 24 hours post exposure for measurements of oxidative stress..*

The following consent document has been approved for use in this study: Letter of Information and Consent to Participate in a Research Study (received July 4, 2007). Participants should receive a copy of their consent form.

During the course of the research, any significant deviations from the approved protocol (**that is, any deviation which would lead to an increase in risk or a decrease in benefit to participants**) and/or any unanticipated developments within the research should be brought to the attention of the Ethics Review Office.

Best wishes for the successful completion of your project.

Yours sincerely,



Jenny Peto  
Ethics Review Coordinator